



Gulf of Mexico Harmful Algal Bloom Bulletin

7 November 2005

National Ocean Service

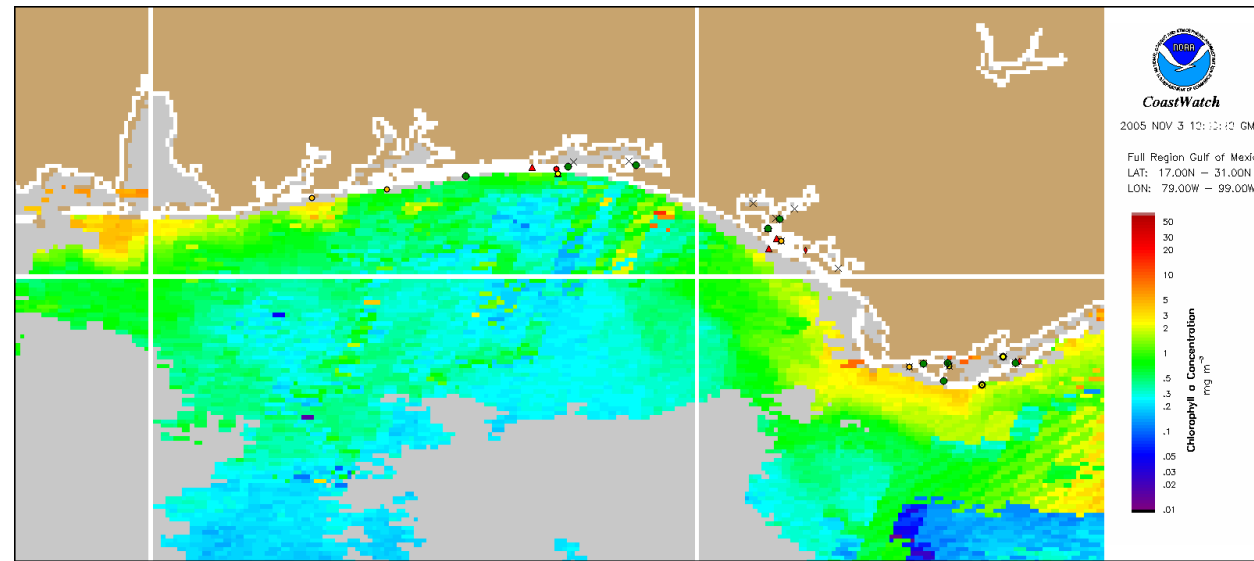
National Environmental Satellite, Data, and Information Service

Last bulletin: November 7, 2005

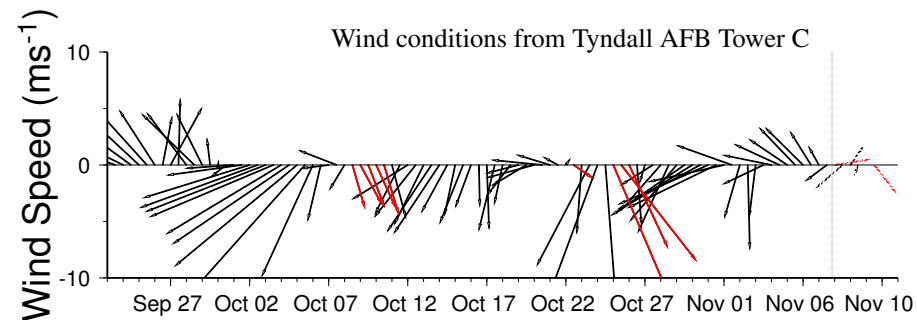
Conditions: Harmful algal blooms have been identified in patches in Dixie and Levy Counties, from southern Pinellas County to Sarasota County. A second bloom has been identified in patches in Okaloosa, Bay, and Franklin Counties. Very low impacts are possible for Dixie and Sarasota Counties through Thursday. No impacts are expected for Levy, Pinellas, and Manatee Counties. In Okaloosa and Franklin Counties, very low impacts are possible today and Thursday, low impacts are possible tomorrow, moderate impacts are possible Wednesday. In Bay County, very low impacts are possible today, tomorrow, and Thursday, with possible low impacts on Wednesday. Dead fish have been reported over the past few days in Okaloosa County. Dead fish smell, while unpleasant, doesn't produce the same respiratory irritation as harmful algal blooms.

Analysis: The bloom persists in patches along the Florida panhandle. A wind transport model indicates that the bloom may have been transported 15-25 km west since 11/3. Okaloosa County may have onshore transport of dead fish tomorrow and Wednesday. Slight westward expansion of the bloom is possible through Thursday.

Bronder, Fenstermacher



Chlorophyll concentration from satellite with HAB areas shown by red polygon(s).

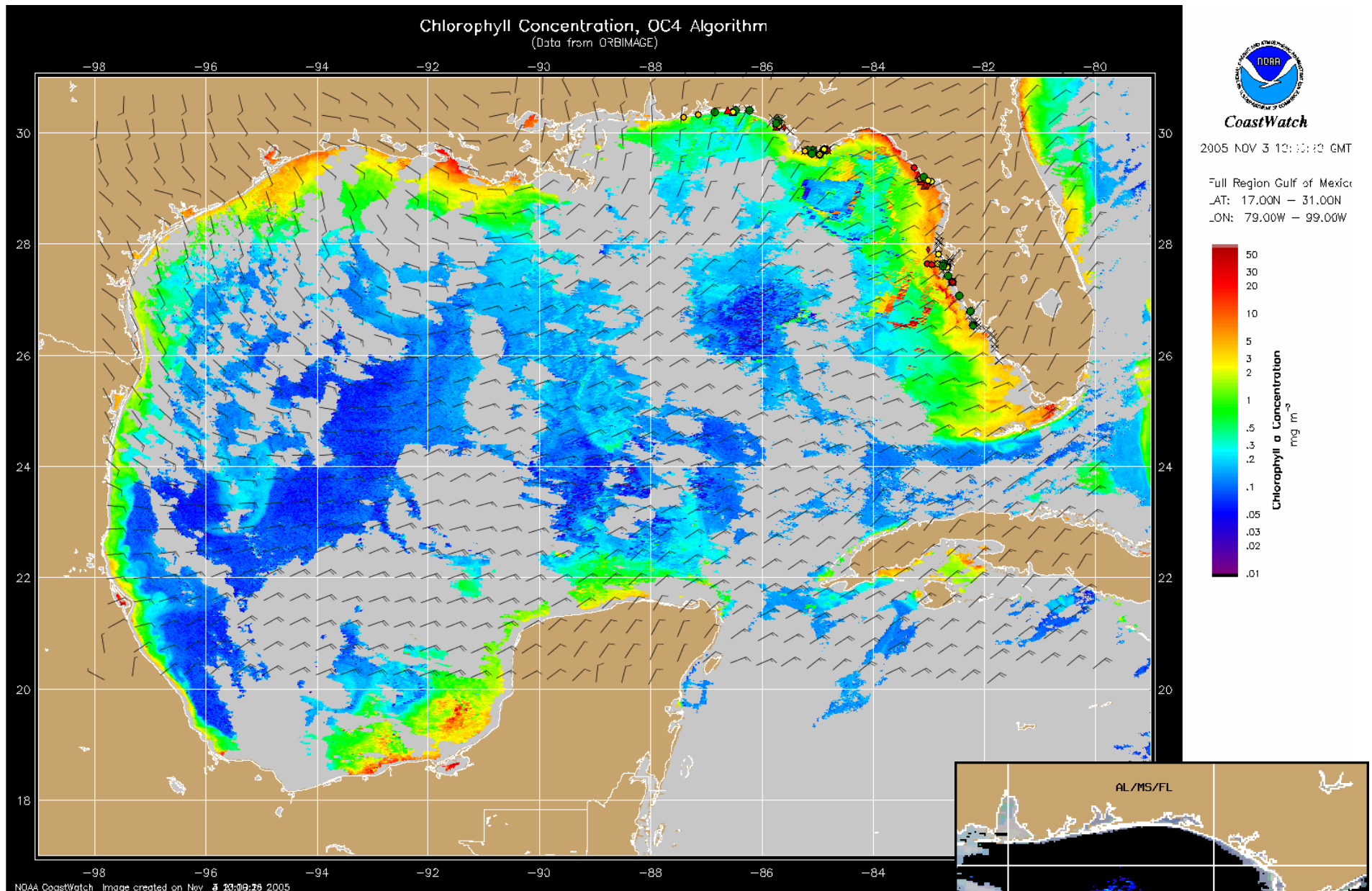


Wind speed and direction are averaged over 12 hours from measurements made on buoys. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Winds will be northeast (10 kts, 5 m/s) today, east tomorrow, southeast Wednesday, and northwest Thursday.

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Chlorophyll concentration from satellite and forecast winds for November 8, 2005 12Z with cell concentration sampling data from October 31, 2005 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).

Blooms shown in red (see p. 1 analysis)